

PATENT

Docket No. IL-11035

Customer No. 24981

Commissioner for Patents
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):
Jay B. Chase, Philip A. Pincosy, Donna M. Chato, Hugh Kirbie, Glen F. James

For (title): **OPTICALLY TRIGGERED FIRE SET/DETONATOR SYSTEM**

093003 U.S.PTO
10/676704



1. Type of Application

This new application is for an original patent.

This new application is a:

- Division
- Continuation
- Continuation-in-part (CIP)

2. Benefit of Prior U.S. Application(s) (35 USC 120)

The new application being transmitted claims the benefit of prior U.S. application(s).

3. Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below:

Application Serial No.

Filing Date

4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).

17 Pages of specification with title page

5 Pages of claims

1 Pages of abstract

2 Sheets of drawings

formal

5. Additional papers enclosed

- Preliminary Amendment
- Information Disclosure Statement
- Form PTO-1449 with references

6. Declaration or oath

- Enclosed and executed by
 - inventors
 - legal representative of inventor(s) 37 CFR 1.42 or 1.43
- Not Enclosed

7. Assignment

- An assignment of the invention to The Regents of the University of California.
 - is attached
 - will follow

8. Certified Copy

Certified copy(ies) of application(s)

(country)	(application no.)	(filed)

from which priority is claimed

- is(are) attached.
- will follow

9. Fee Calculation

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	19	-20	= 0	x \$18	= \$ 0.00
Independent Claims	3	-3	= 0	x \$84	= \$ 0.00
				Multiple Claims	= \$ _____
				Basic Filing Fee	= \$ 750.00
				Sub-Total	= \$ 750.00
				Small Entity Filing Fee	= \$ 375.00

10. Small Entity Statement(s)

- Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.
- Small Entity status is proper and desired

Filing Fee Calculation (50% of regular filing fee) \$ 375.00

11. Fee Payment

- Not Enclosed
- Enclosed (See Account No. Below)

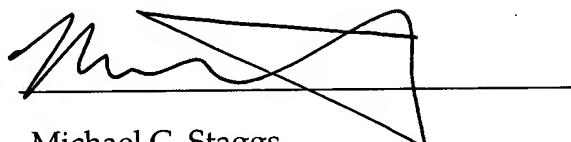
Total Basic Filing Fees To Be Paid \$ 375.00

12. Method of Payment of Fees

- Check in the Amount of \$ _____
- Charge Account No. 12-0695 in the amount of \$ 375.00
A duplicate of this transmittal is attached.

13. Instructions As To Overpayment/Underpayment

- credit/charge
Account No. 12-0695
- refund



Michael C. Staggs

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Dated: 9/30/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jay B. Chase et al

Attorney Docket No.: IL-11035

Serial No. :

Art Unit:

Filed :

Examiner:

For : Optically Triggered Fire Set/Detonator System

Commissioner for Patents
Alex

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV269145654US

Date of Deposit September 30, 2003

I hereby certify that the following *attached*

1. New Application Transmittal (in duplicate)
2. Application (Specification with title page 17 pages, Claims 5 pages, Abstract 1 page)
3. Combined Declaration and Power of Attorney (3 pages)
4. Two (2) sheets of formal drawings
5. Information Disclosure Statement, Form PTO-1449 and
10 US Patents
6. Return postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box: Patent Application, Washington, D.C. 20231.

April Masluk

(Type or print name of person mailing paper)

April Masluk

(Signature of person mailing paper or fee)